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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete If Known**

Application Number	10/809,042
Filing Date	March 25, 2004
First Named Inventor	Andrew M. Duggan
Art Unit	3725
Examiner Name	Debra M. Wolfe
Attorney Docket Number	CRUI/0012.P1

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)					
DW	A1	US- 6,860,329		03/01/2005	Oosterling		
	A2	US- 6,457,531		10/01/2002	Bangash, et al.		
	A3	US- 6,454,013		09/24/2002	Metcalfe		
	A4	US- 6,321,847		11/27/2001	Brown		
	A5	US- 6,253,850		07/03/2001	Nazzai, et al.		
	A6	US- 6,238,489		05/29/2001	Lundell		
	A7	US- 6,085,838		07/11/2000	Vercaemer, et al.		
	A8	US- 5,695,008		12/09/1997	Bertet, et al.		
	A9	US- 5,297,833		03/29/1994	Snider, et al.		
	A10	US- 5,220,959		06/22/1993	Vance, Sr.		
	A11	US- 5,027,894		07/02/1991	Coone,et al.		
	A12	US- 4,825,674		05/02/1989	Tanaka, et al.		
	A13	US- 4,580,426		04/08/1988	Zafred		
	A14	US- 3,986,383		10/19/1978	Petteys		
	A15	US- 3,841,137		10/15/1974	Mehdizadeh		
	A16	US- 3,643,485		02/22/1972	Marcovitch		
	A17	US- 3,529,667		09/22/1970	Malone		
	A18	US- 3,412,565		11/26/1968	Lindsey, et al.		
	A19	US- 3,353,599		11/21/1967	Swift		
	A20	US- 3,179,168		04/20/1965	Vincent		
	A21	US- 3,167,122		01/26/1965	Lang		
	A22	US- 2,575,938		11/20/1951	Brenneke		
	A23	US- 2,546,756		03/27/1951	Knowlton		
	A24	US- 2,375,108		05/01/1945	Hopkins		
	A25	US- 1,598,751		08/17/1926	Millsbaugh		
	A26	US- 447,582		03/03/1891	Robertson		
		A27	US- 2003/0183395		10/02/2003	Jones	
	DW	A28	US- 2001/0045284		11/29/2001	Simpson, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
DW	B1	GB 2,344,606	06/14/2000	Cook, et al.		
	B2	FR 1,142,975	06/02/1955	Szego		
	B3	WO 01/18554	03/15/2001	Unsworth		
	B4	WO 01/18354	03/15/2001	Oosterling		
	B5	WO 98/00626	01/08/1998	Donnelly, et al.		
DW	B6	WO 97/06346	02/20/1997	Saltel		

Examiner  
Signature

/Debra Wolfe/

Date  
Considered

09/08/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DW	C1	A. M. AL-SHARIF, PH.D. AND R. PRESTON, E. ENG., Improvement In UOE Pipe Collapse Resistance by Thermal Aging, Offshore Technology Conference, May 1996, Pages 579-587	
DW	C2	The Proceeding of the Third (1993) International Offshore And Polar Engineering Conference, International Society of Offshore and Polar Engineers, Volume IV, 1993	
DW		RICK VON FLATERN, Oilfield Service Trio Target Jules Verne Territory, Industry News, Friday, August 17, 2001	

Examiner Signature	/Debra Wolfe/	Date Considered	09/08/2006
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